

FIG. 1
PRIOR ART

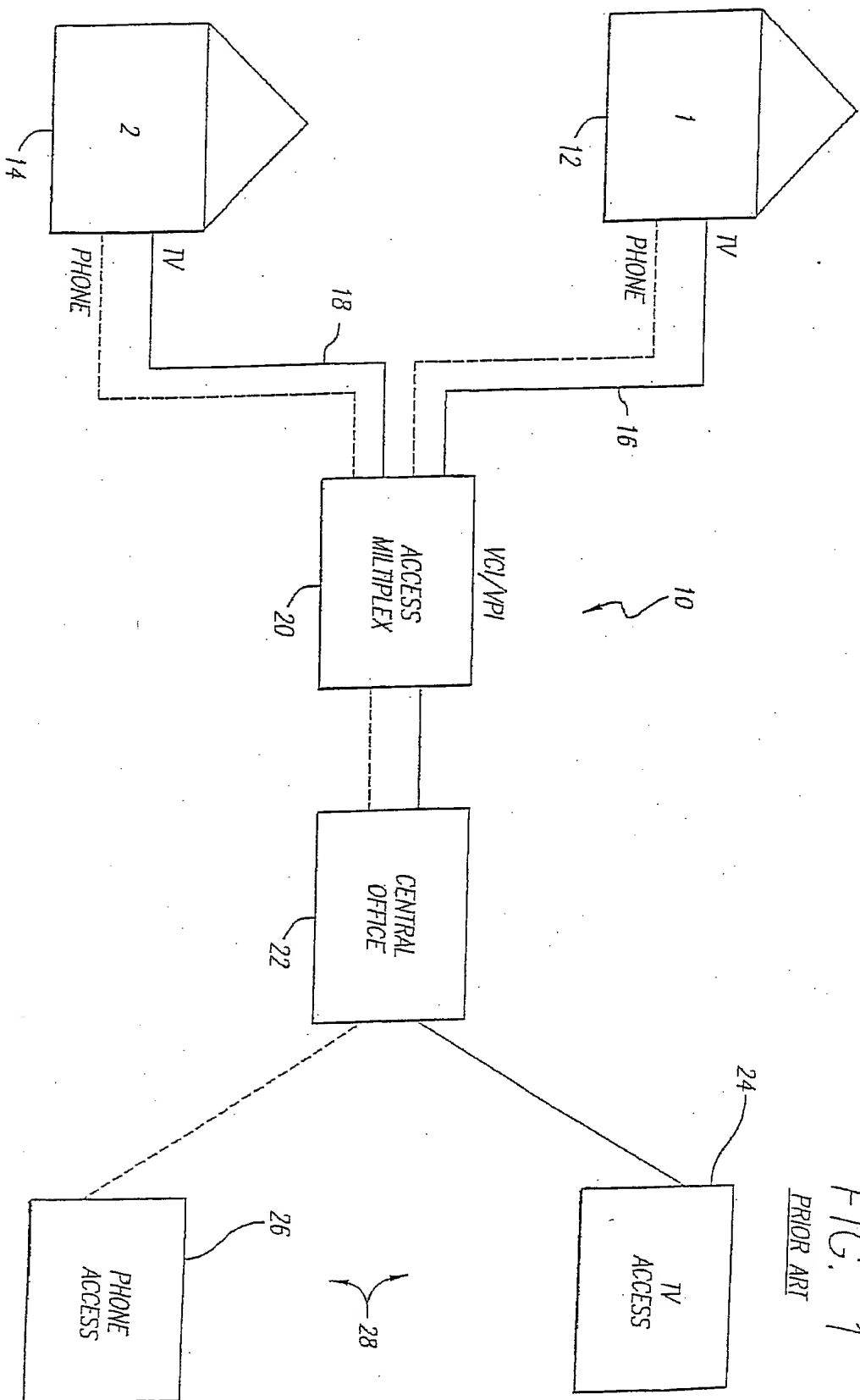
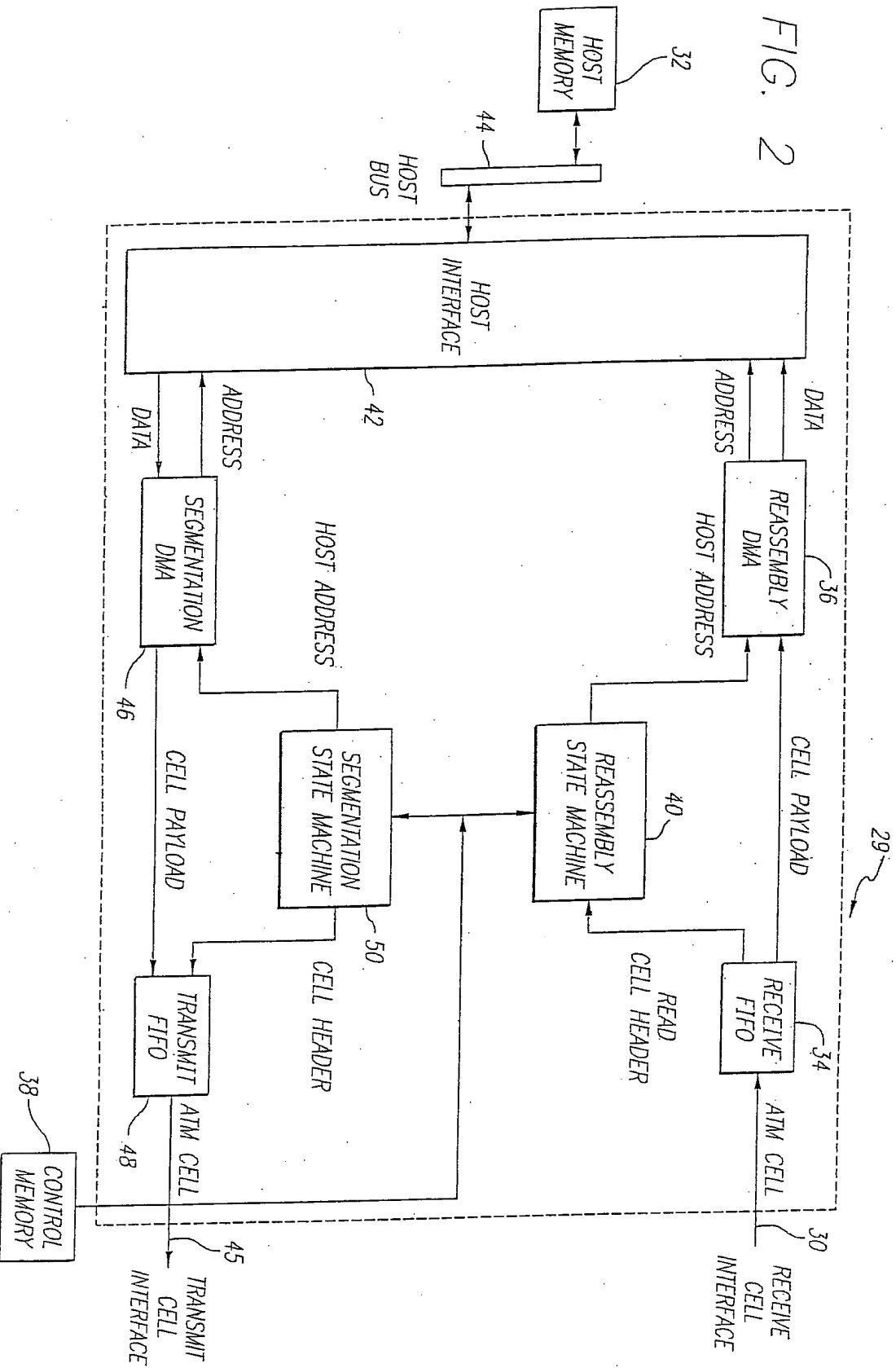


FIG. 2



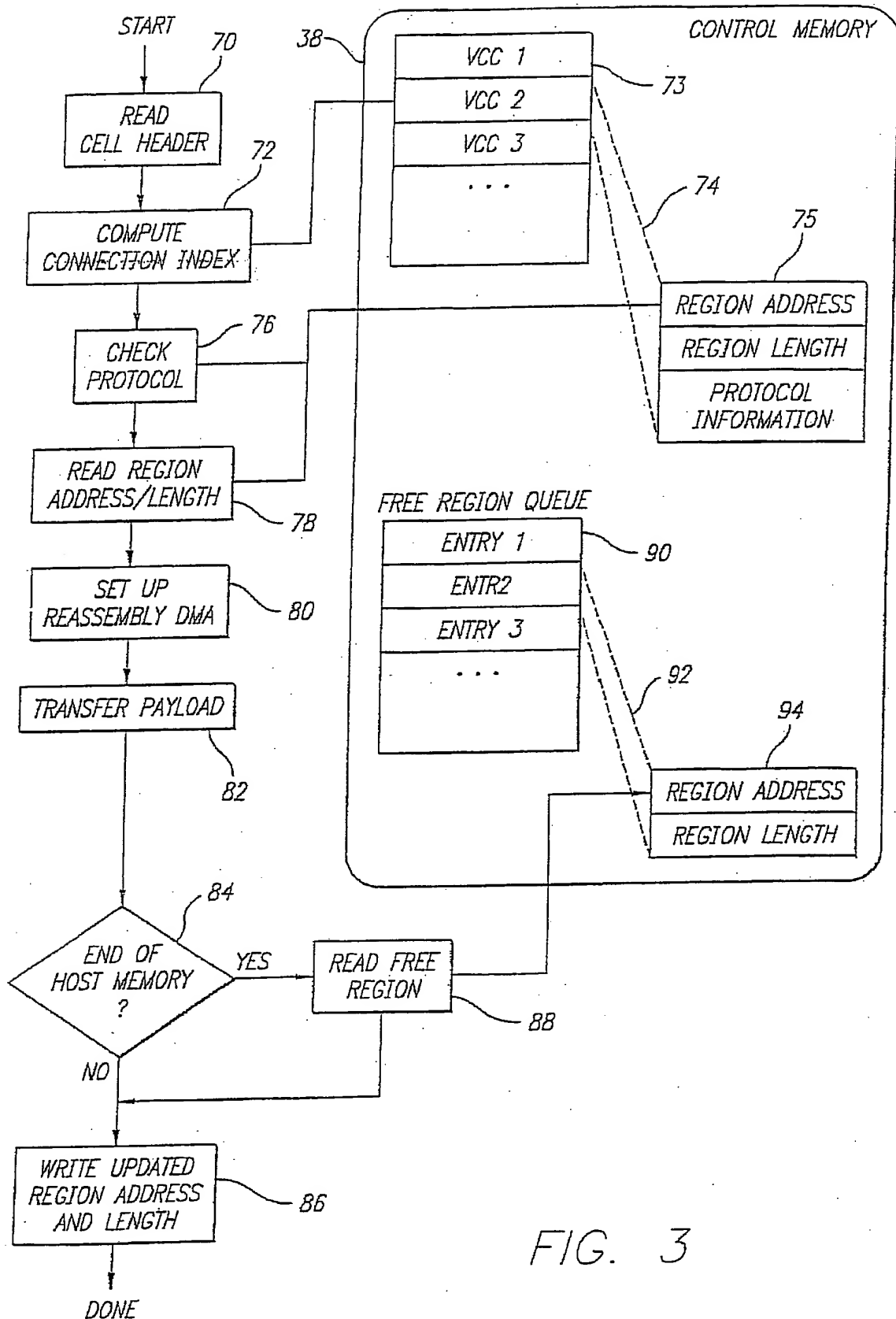
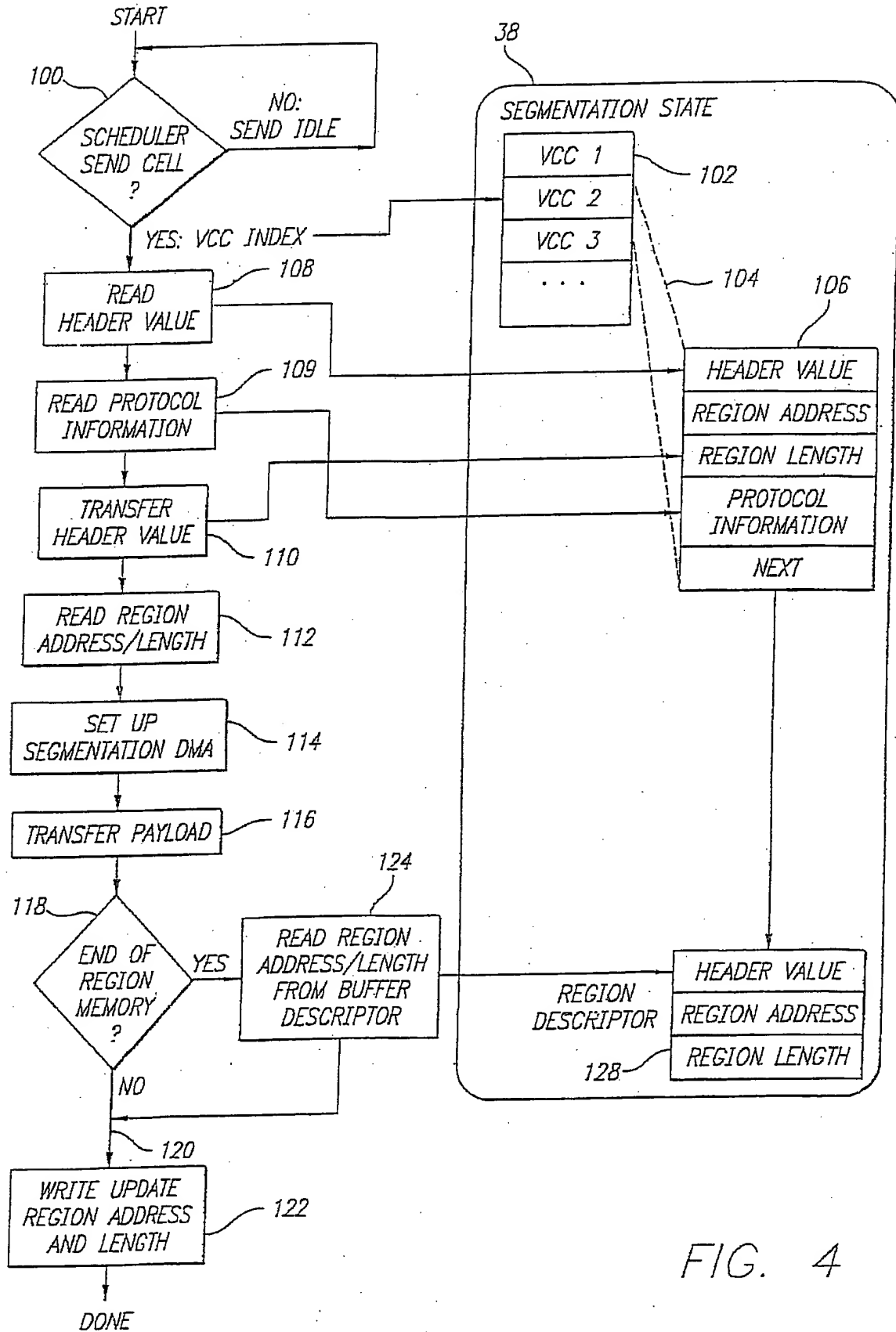


FIG. 3



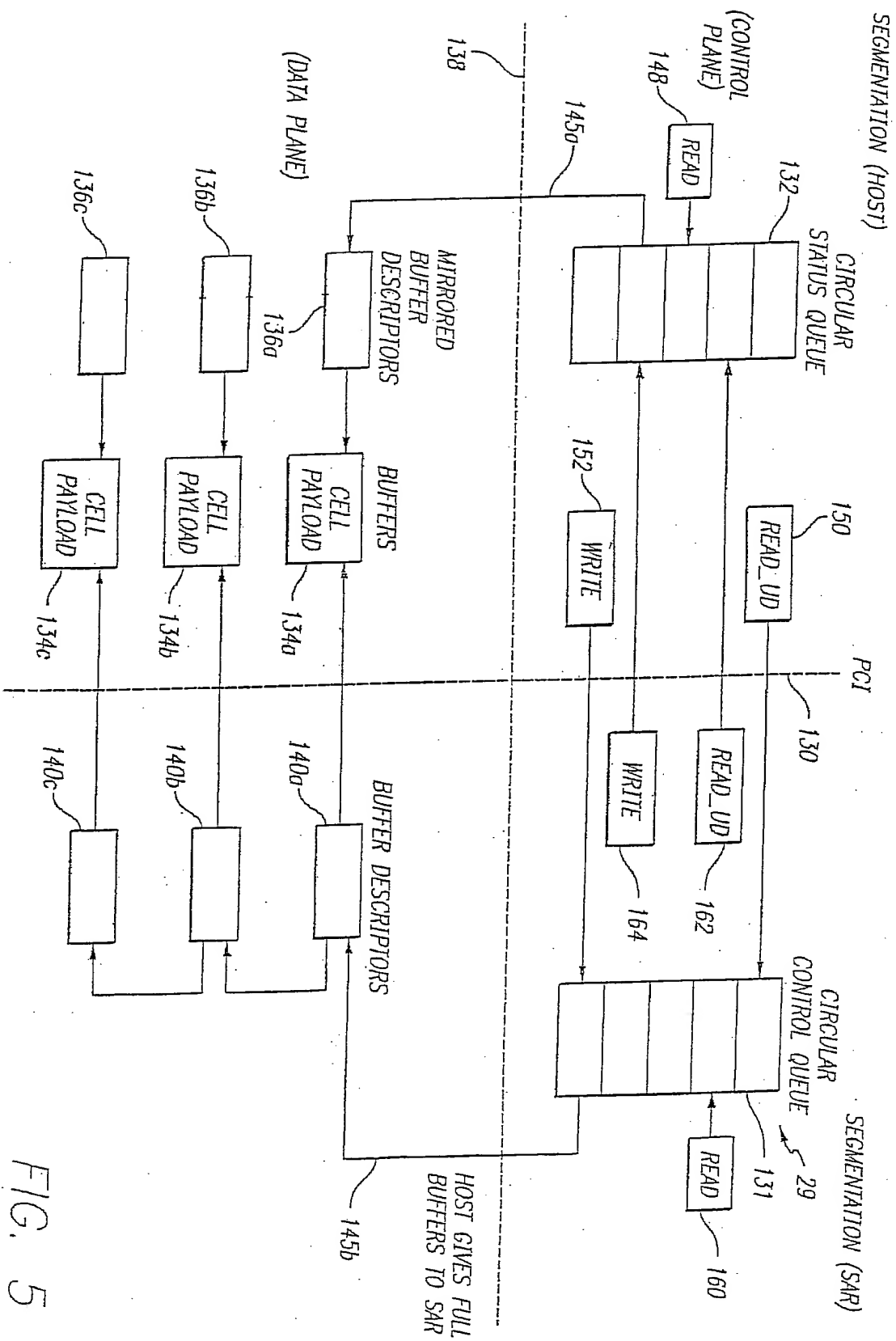


FIG. 5

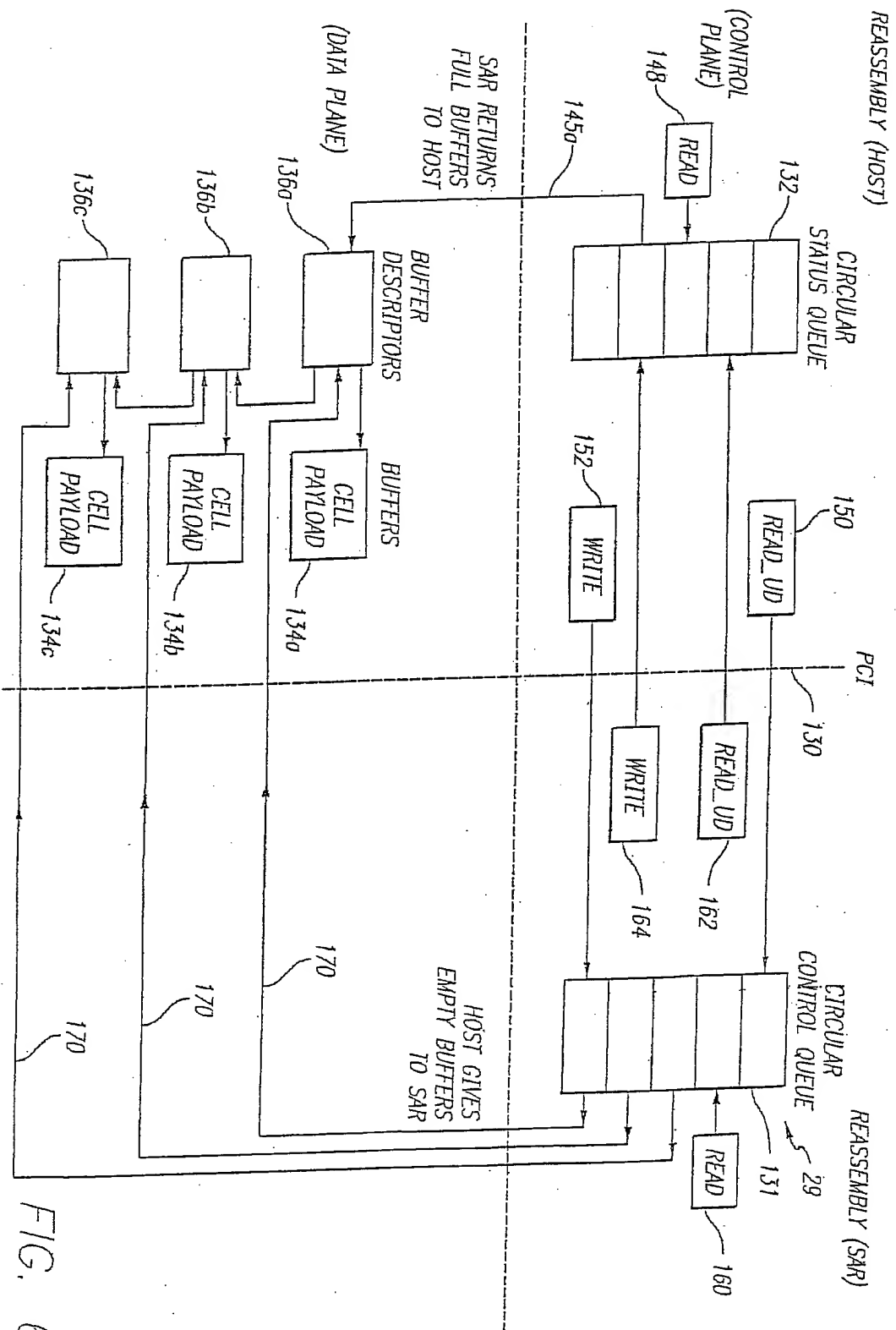


FIG. 6

FIG. 7

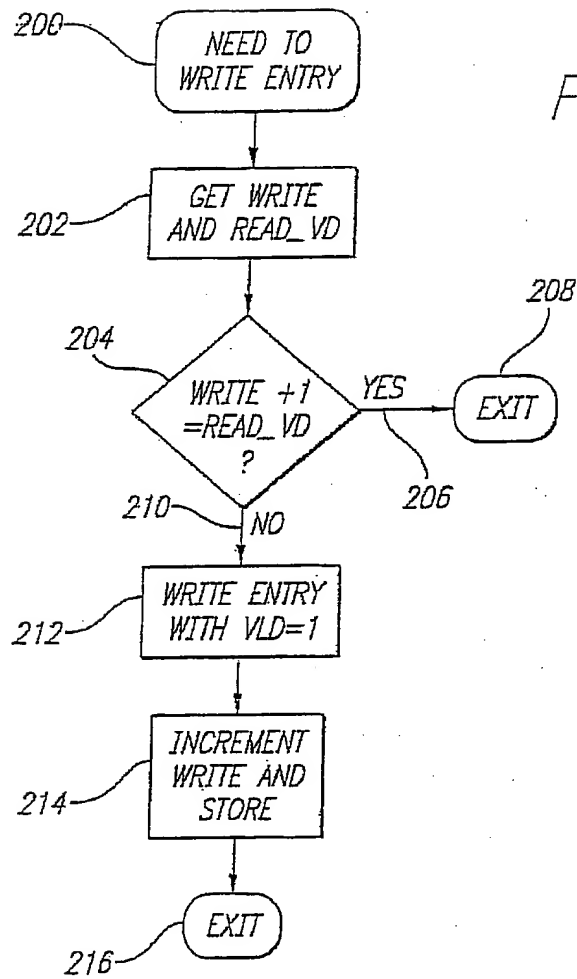
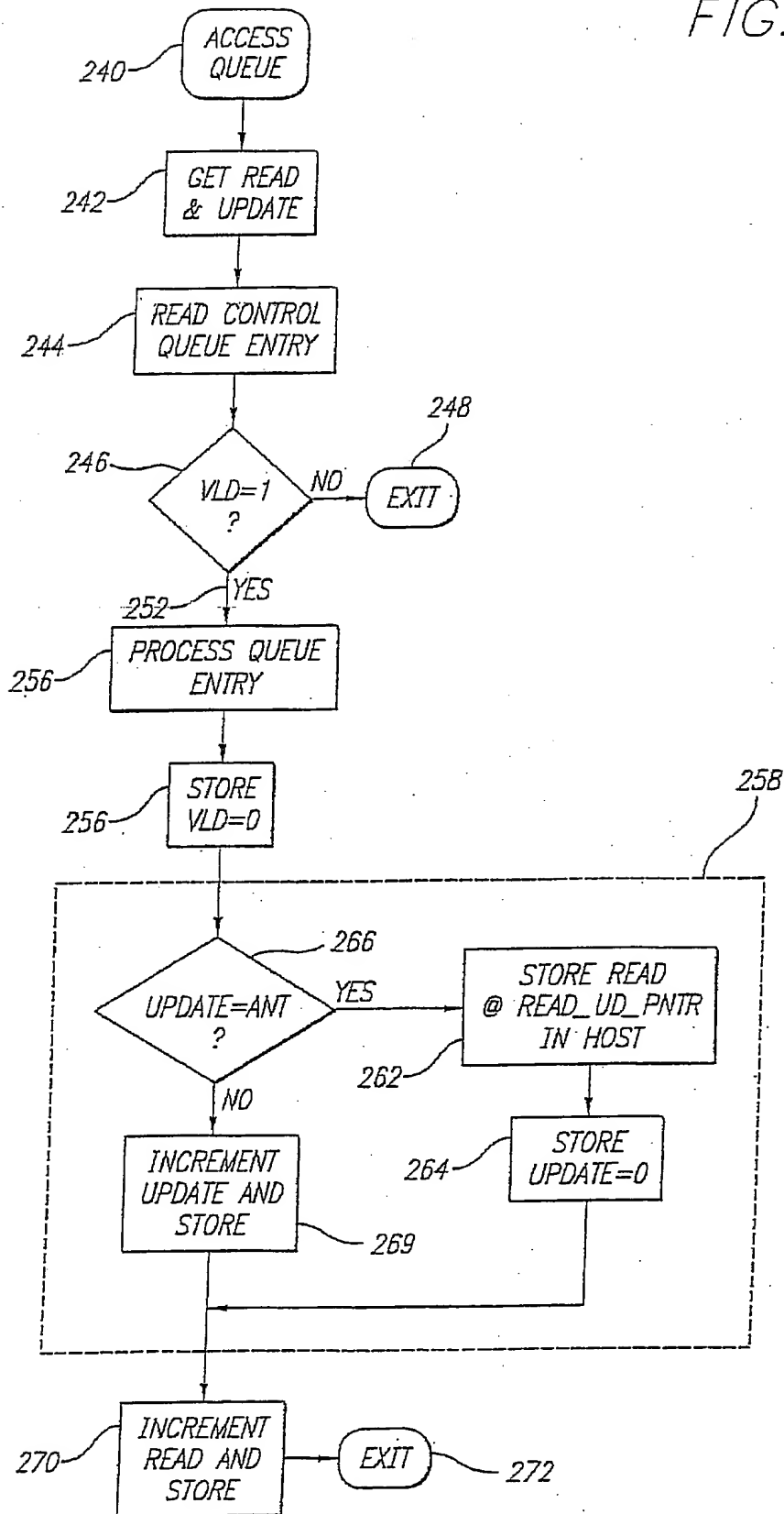


FIG. 8



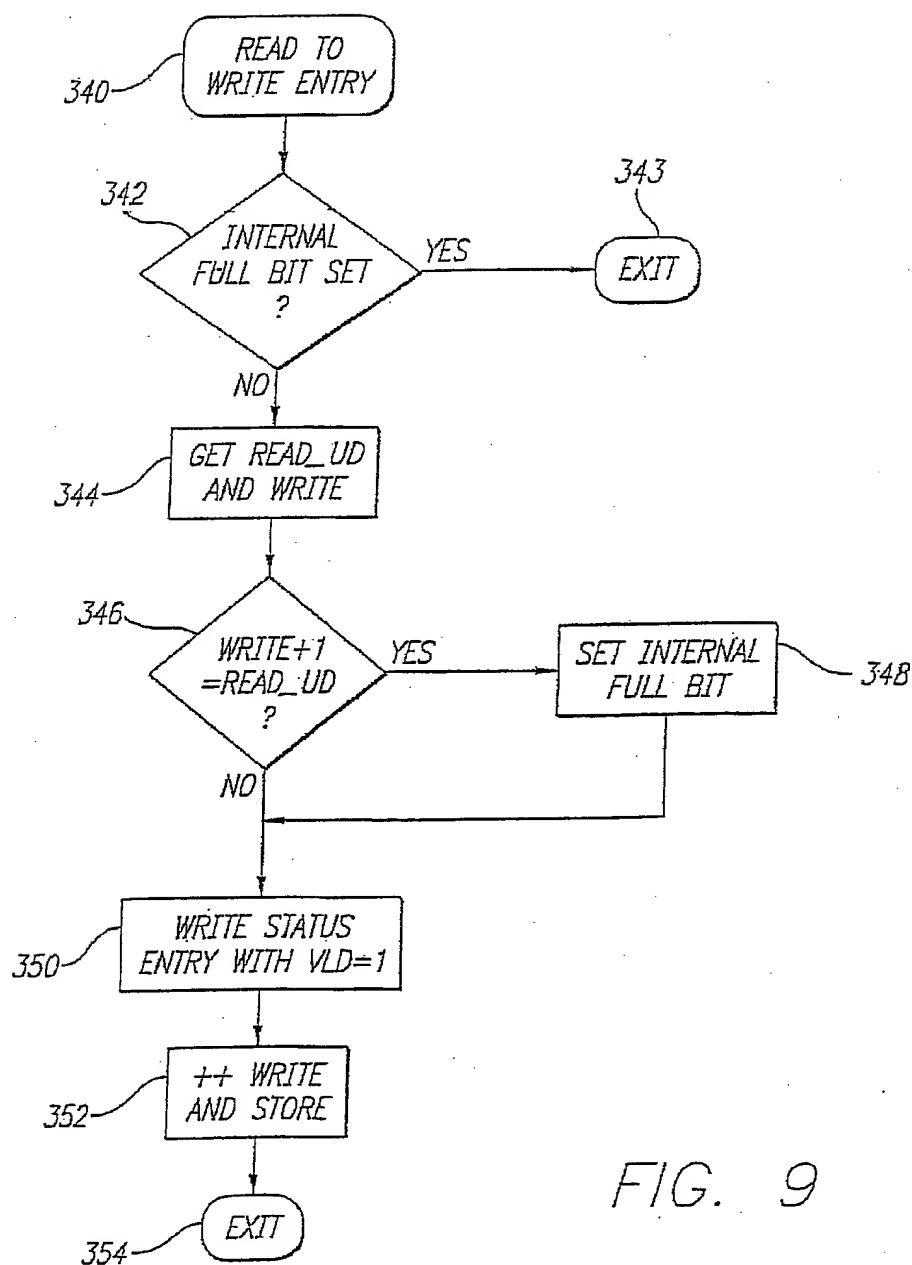


FIG. 9

FIG. 10

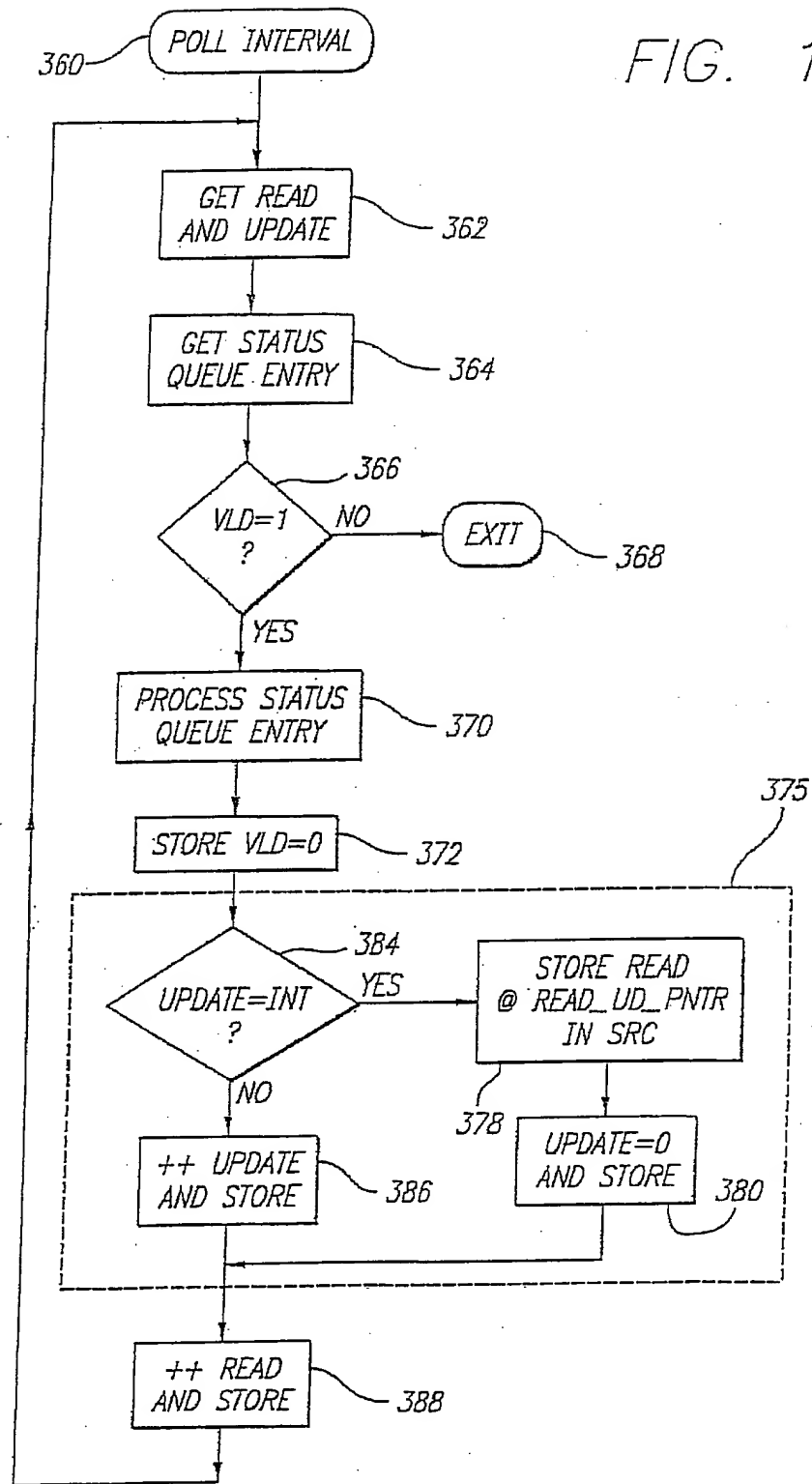


FIG. 11

WRITE-ONLY CONTROL QUEUE VARIABLES

VARIABLE	DEFINITION	LOCATION
WRITE	CURRENT HOST POSITION IN CONTROL QUEUE	HOST VARIABLE
READ UD	LAST KNOWN SAR POSITION IN CONTROL QUEUE AS SEEN BY HOST	HOST VARIABLE
READ	CURRENT SAR POSITION IN CONTROL QUEUE	SAR BASE TABLE
INTERVAL	NUMBER OF QUEUE ENTRIES PROCESSED BY SAR BEFORE WRITING READ UD	SAR REGISTER
UPDATE	NUMBER OF QUEUE ENTRIES SINCE LAST WRITE OF READ UD FROM HOST	SAR BASE TABLE
READ UD PNTR	SAR POINTER TO READ UD	SAR BASE TABLE

FIG. 12

WRITE-ONLY STATUS QUEUE VARIABLES

VARIABLE	DEFINITION	LOCATION
WRITE	CURRENT SAR POSITION IN STATUS QUEUE	SAR BASE TABLE
READ UD	HOST KNOWN HOST POSITION IN STATUS QUEUE AS SEEN BY SAR	SAR BASE TABLE
READ	CURRENT HOST POSITION IN STATUS QUEUE	HOST VARIABLE
INTERVAL	NUMBER OF QUEUE ENTRIES PROCESSED BY HOST BEFORE WRITING READ UD	HOST VARIABLE
UPDATE	NUMBER OF QUEUE ENTRIES SINCE LAST WRITE OF READ UD	HOST VARIABLE
READ UD PNTR	HOST POINTER TO READ UD	HOST VARIABLE